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UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA

8 CAPELLA PHOTONICS, INC., No. C-14-3348 EMC
9 Plaintiff,
CONSOLIDATED
10 v. C-14-3349 EMC
11 CISCO SYSTEMS, INC., *et al.* C-14-3350 EMC
C-14-3351 EMC
12 Defendants. **ORDER GRANTIN**

CONSOLIDATED CASES

C-14-3349 EMC
C-14-3350 EMC
C-14-3351 EMC

**ORDER GRANTING IN PART AND
DENYING IN PART PLAINTIFF'S
MOTION TO STRIKE AND GRANTING
PLAINTIFF'S MOTION TO DISMISS**

(Docket Nos. 115, 116)

17 Plaintiff Capella Photonics filed suit against Cisco Systems, Fujitsu Network
18 Communications (collectively “Defendants”), and two other parties alleging infringement of U.S.
19 Patent Nos. RE42,368 (the ‘368 patent) and RE 42,678 (the ‘678 patent). *See, e.g.*, Docket No. 30
20 (First Amended Complaint Against Cisco). Both Cisco and Fujitsu answered Capella’s complaint,
21 and both assert inequitable conduct as an affirmative defense. Docket No. 108 (Cisco’s Amended
22 Answer and Counterclaims) (hereafter CAAC); No. 14-cv-3349, Docket No. 23 (Fujitsu’s Answer)
23 (hereafter FA).¹ Cisco also brought a counterclaim against Capella for alleged violation of
24 California’s Unfair Competition Law (UCL) related to the filing of this lawsuit. CAAC at 22; Cal.
25 Bus. and Prof. Code §17200 *et seq.*

²⁸ ¹ Unless otherwise indicated, all citations to the docket are to *Capella Photonics v. Cisco Systems*, C-14-3348 EMC, the lead case in this consolidated action.

1 Capella now moves to strike Defendants' largely identical inequitable conduct defenses, and
 2 to dismiss Cisco's UCL counterclaim. Docket Nos. 115, 116. For the reasons discussed below, the
 3 Court grants Capella's motions to strike in part and denies them in part. Capella's motion to dismiss
 4 is granted because Cisco has not pleaded a necessary element of the "fraudulent" prong under the
 5 UCL, namely that members of the public were likely to be deceived by the challenged practice.

6 I. BACKGROUND

7 A. Procedural Background

8 Capella filed this patent infringement action on February 12, 2014, in the Southern District
 9 of Florida. *See* Docket No. 1. Capella considers itself "a pioneer of optical switching technologies
 10 for use in optical transmissions networks," and the patents-in-suit are directed towards methods of
 11 optical switching in such communications networks. *See* Docket No. 30 at ¶¶ 7, 12-20, 26.

12 Cisco answered Capella's complaint on April 4, 2014. Docket No. 17. Fujitsu answered on
 13 April 15. FA at 25. Both answers pleaded substantially identical inequitable conduct defenses.
 14 Compare Docket No. 17 with FA. Cisco's answer also contained a counterclaim for violation of the
 15 UCL, predicated on Capella's alleged "bad faith" assertion of patent rights against Cisco that
 16 Capella "knew to be overbroad and invalid in light of prior art, and that [] Capella obtained through
 17 fraud on the Patent Office." Docket No. 17 at 25-26. After Capella filed an amended complaint,
 18 and Cisco filed an amended answer, Capella moved to strike Cisco's inequitable conduct defenses
 19 and dismiss Cisco's UCL counterclaim. Docket Nos. 46, 47 (Motions to Strike and Dismiss).
 20 Capella did not move to strike Fujitsu's inequitable conduct defenses.

21 On July 14, 2014, Judge Seitz granted Capella's motion to strike in a one-line order. Docket
 22 No. 74. Judge Seitz explained at oral argument that he felt Cisco should "cure" certain unspecified
 23 "defects" in its pleading, and granted Cisco leave to amend its inequitable conduct defenses.²
 24 Docket No. 125-4 at 8-9. The Court specifically declined to rule on Capella's motion to dismiss

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 26 ² It is entirely unclear from the Florida court's order, or the available excerpts of the oral
 27 argument transcript, precisely what pleading defects the Court identified in Cisco's affirmative
 28 defenses. It is also unclear whether the Court found defects with all three separately alleged grounds
 of inequitable conduct, or with a discrete subset of Cisco's allegations. Cisco represents that the
 Court only intended to strike Cisco's "first instance" for inequitable conduct, Docket No. 125 at 7,
 and that is the only ground which Cisco amended after the Florida court issued its order.

1 Cisco's UCL counterclaim. *Id.* at 9. This case was transferred to the Northern District of California
 2 on July 24.³ Docket No. 77.

3 Cisco filed its amended and operative answer on September 15, 2014. CAAC at 25. On
 4 September 25, Capella once again filed a motion to strike Cisco's inequitable conduct defenses
 5 pursuant to Federal Rule of Civil Procedure 12(f), and to dismiss Cisco's UCL counterclaim
 6 pursuant to Federal Rule of Civil Procedure 12(b). Docket No. 114.⁴ Capella also filed a motion to
 7 dismiss Fujitsu's inequitable conduct defenses. Docket No. 115. This motion was filed 163 days
 8 after Fujitsu filed its answer. *See* FA at 22.

9 **B. Cisco's and Fujitsu's Inequitable Conduct Defenses**

10 In their respective answers, both Defendants plead substantially similar affirmative defenses
 11 of inequitable conduct with respect to the patents-in-suit. *See* CAAC at 6-20; FA at 6-20.
 12 Specifically, they claim that during the re-issue prosecutions of the patents-in-suit, Capella
 13 intentionally withheld or mischaracterized three different known pieces of invalidating prior art. As
 14 will be discussed in greater detail below, however, at oral argument counsel for both Cisco and
 15 Fujitsu explicitly disavowed any independent reliance on two of the three pieces of allegedly
 16 invalidating art pleaded in their answers, and thus Cisco's and Fujitsu's inequitable conduct defenses
 17 based on these references are stricken with prejudice.

18 **1. Prosecution of the Patents-in-Suit**

19 The two patents-in-suit are reissue patents. *See* Docket Nos. 127-4, 127-5 (Patents-In-Suit).
 20 In order to obtain a reissue patent, an inventor must "specifically identify [to the Patent Office] at
 21 least one error" in the original patent "and state that the applicant believes the original patent to be
 22 wholly or partly inoperative or invalid" due to that error. 37 CFR § 1.175(a). Sometime around
 23 June 10, 2010, Capella sought reissue of what would become the patents-in-suit. FA at 13; CAAC at
 24 13.

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 26 ³ The Florida court also consolidated each of Capella's related infringement actions for
 pretrial purposes. Docket No. 76. The cases were then related in this District. Docket No. 100.
 27 This Court subsequently ordered that all filings be made in Case No. 14-3348 EMC (*Capella*
 Photonics v. Cisco Systems, Inc.) until further order of the Court. Docket No. 110.

28 ⁴ Capella filed a slightly amended version of its motion on September 30. Docket No. 116.

1 In seeking re-issue of the patents-in-suit, Capella allegedly represented to the Patent Office
2 that its originally issued patents were invalid because they claimed more than Capella had a right to
3 claim. Specifically, Capella allegedly told the Patent Office in May 2011 that its original patents
4 “fail[ed] to include limitations regarding the spatial array of beam deflecting elements being
5 individually and continuously controllable in two dimensions to control the power of the spectral
6 channels.” FA at 13; CAAC at 13. Put differently, Capella allegedly admitted that its patents were
7 invalid because their claims did not require two-dimensional (2-D) micromirrors for power control.
8 FA at 13-14; CAAC at 13-14. Consequently, Capella sought re-issue of its patents with narrower
9 claims that added limitations calling for 2-D mirrors for power control. FA at 14; CAAC at 14. The
10 PTO eventually granted the amended claims as part of the reissue patents-in-suit, apparently
11 concluding that “the prior art of record does not teach or suggest using” 2-D mirrors for power
12 control. FA at 14; CAAC at 14. Defendants claim that Capella admitted that “the *only* allegedly
13 novel aspects of” the reissue patents-in-suit over the prior art were 2-D mirrors and power control.
14 FA at 14; CAAC at 13 (emphasis added).

15 2. The “First Instance” of Inequitable Conduct

16 Defendants allege that the “first instance” of inequitable conduct occurred where Capella,
17 and specifically Capella CEO Larry Schwerin, patent prosecutor Barry Young, and former CEO and
18 current Emeritus Board Member Joseph Davis (collectively “the Applicants”), knowingly failed to
19 cite U.S. Patent No. 6,798,941 (the Smith patent) to the PTO during the reissue prosecution of the
20 patents-in-suit that took place in 2010 and 2011. *See* FA at 7-8; CAAC at 7. While the face of the
21 Smith patent lists a filing date of September 20, 2001, it claims priority to a provisional application
22 (the Smith provisional) filed on September 22, 2000. The earliest provisional application to which
23 the asserted patents may claim priority was filed on March 19, 2001. Thus, according to
24 Defendants, if the Smith patent is entitled to its earliest priority date, it would be prior art to the
25 patents-in-suit.

26 Defendants claim that the Applicants first learned about the Smith patent sometime in 2007
27 when a patent examiner cited the Smith patent as prior art during the prosecution of another Capella
28 patent on which Mr. Davis was a named inventor. *See* FA at 9-10, 12-13; CAAC at 9, 12.

1 Defendants further allege that during the prosecution of this other Capella patent, the Applicants
2 learned that the Smith patent discloses the use of 2-D mirrors for power control – the exact same
3 features Capella allegedly told the PTO distinguished the patents-in-suit from the prior art during
4 their reissue prosecution years later. *See* FA at 12-13; CAAC at 12-13.

5 3. The “Second Instance” of Inequitable Conduct

6 Defendants’ alleged “second instance” of inequitable conduct actually appears to be two
7 separate allegations of inequitable conduct. First, Defendants allege that Capella concealed the true
8 “nature of the ‘mistake’ on which it based the reissue of the ‘368 and ‘678 patents.” FA at 15-16;
9 CAAC at 15-16. Specifically, Defendants allege that Capella initially represented to the PTO that its
10 original patents “*may have claimed more than there was a right to claim in view of the cited prior*
11 *art.*” FA at 16; CAAC at 16 (emphasis added). The Patent Office responded that “[t]he phrase ‘may
12 have claimed more’” was insufficiently specific and failed to comply with the requirement that a
13 party seeking a reissue patent must “specifically identify [to the Patent Office] at least one error” in
14 the original patent “and state that the applicant believes the original patent to be wholly or partly
15 inoperative or invalid” due to that error. FA at 16; CAAC at 16; 37 CFR § 1.175(a). Only after the
16 Patent Office rejected Capella’s first attempt to obtain reissue patents did Capella eventually
17 concede that its original patents were *actually* invalid in light of the prior art. FA at 16; CAAC at
18 16.

19 Defendants’ second claim is that the Applicants “said nothing about” about U.S. Patent No.
20 5,629,790 (the Neukermans patent) to the PTO during the reissue prosecution of the patents-in-suit,
21 despite the Applicants’ alleged awareness that the Neukermans patent disclosed 2-D mirror control.
22 FA at 18; CAAC at 17. Defendants’ pleadings later acknowledge that Capella did, in fact, cite the
23 Neukermans patent to the PTO in both re-issue prosecutions. FA at 18; CAAC at 17. They claim,
24 however, that Capella “mischaracterized” the Neukermans patent by telling the PTO that
25 Neukermans disclosed certain unimportant pieces of prior art while completely failing to disclose to
26 the PTO that Neukermans also allegedly discloses critical and invalidating prior art (*i.e.*, 2-D mirror
27 control).

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1 4. The “Third Instance” of Inequitable Conduct

2 For the “third instance” of inequitable conduct, Defendants allege that the Applicants
3 purposefully withheld a prior art reference they refer to as the “Lucent 2-Axis Mirror.” CAAC at
4 18-19; FA at 19-20. According to Defendants, Applicants knew about the Lucent 2-axis mirror –
5 which allegedly discloses the concept of using a 2-D mirror for power control – because they
6 themselves cited it as prior art to the Patent Office in the original provisional patent application to
7 which both patents-in-suit claim priority.⁵ CAAC at 18-19; FA at 19-20. Defendants allege that
8 despite Capella’s knowledge of the Lucent 2-axis mirror, Capella later “excised” any reference to
9 the Lucent 2-axis mirror in subsequent patent filings, and failed to disclose this apparent prior art to
10 the Patent Office during the re-issue prosecutions of the patents-in-suit. *Id.* Defendants further
11 claim that Capella’s lone reference to the Lucent 2-axis mirror, made in its original provisional
12 application, was effectively hidden from the Patent Office because “without any reason to do so []
13 the Examiner of the Patents-in-Suit [during the re-issue prosecutions] would be unlikely to reach
14 back and examine the provisional application that had been filed ten years earlier.” CAAC at 19;
15 FA at 19.

16 5. Alleged Intent to Deceive the Patent Office

17 Defendants also allege that each of the three above-described instances of inequitable
18 conduct were performed with the specific “intent to deceive the Patent Office.” *See, e.g.,* CAAC at
19 20; FA at 20 (“Applicants purposely omitted the disclosure of the Lucent 2-D mirrors with an intent
20 to deceive the PTO.”). Fujitsu’s answer stated that “[t]he Applicants had strong motivations to
21 [deceive the PTO], as they stood to profit from [the] sale of [the] company at a higher valuation or
22 through a patent licensing campaign if the sale failed.” FA at 20; *see also* CAAC at 20 (same).
23 Cisco’s answer alleges in even greater detail that:

24 at or near the time Capella filed the reissue applications that became
25 the Patents-in-Suit, Capella was actively trying to sell its patent
portfolio (including the pre-reissue versions of the Patents-in-Suit),
and was likely trying to increase the perceived value of that portfolio

27 ⁵ The Provisional Patent Application at issue is No. 60/277,217 filed by Capella on March
28 19, 2001. The faces of both patents-in-suit claim priority to this provisional application. *See* Docket
Nos. 127-4, 127-5.

1 and/or prepare it for litigation. Executives at Capella, including Larry
 2 Schwerin, would have known that the sale value of the company
 3 would be based heavily on the value of its patent portfolio.

4 CAAC at 13. Moreover, both Defendants assert that intent to deceive can further be inferred from
 5 Capella's alleged "systematic[] withholding or obfuscating the relevance of the known prior art," its
 6 "multiple attempts to hide the real 'mistakes' in the patents that were re-issued as the Patents-in-
 7 Suit," and Capella's claimed practice of "amending claims to highlight distinctions over weaker,
 8 disclosed, prior art while withholding art that disclosed some or all of those same distinctions."

9 CAAC at 20; FA at 20.

10 C. Cisco's UCL Counterclaim

11 Cisco also filed a UCL counterclaim against Capella. Cisco contends that Capella engaged
 12 in unfair business practices by filing this infringement lawsuit against Cisco when Capella allegedly
 13 knew that the patents-in-suit are invalid and were procured by fraud.⁶ CAAC at 22. Specifically,
 Cisco alleges that Capella violated the "fraudulent" prong of the UCL by:

14 deceptively and fraudulently obtaining patent rights and then, in bad
 15 faith, (1) misrepresenting the validity of the patents, which it knew to
 16 be false; (2) asserting those patents against Cisco and other
 manufacturers; (3) filing this lawsuit; and (4) attempting to sell
 17 Capella to other California businesses based in part on the
 fraudulently-obtained patent rights.

18 *Id.* at 22-23. Cisco prays for injunctive relief as well as restitution/dissolution of any monies
 19 Capella received from Cisco as a result of Capella's allegedly fraudulent practices. *Id.* at 23. Cisco
 20 does not identify, however, what monies Capella received from Cisco that would be subject to a
 21 UCL restitution award.

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 27 ⁶ In its opposition to Capella's motion to dismiss, Cisco clarifies that it "did not plead [a
 violation of] the 'unfair' prong" of the UCL. Docket No. 125 at 20. While Cisco's complaint
 28 alleges that Capella engaged in acts of "unfair competition," it only brings a claim under the UCL's
 "fraudulent prong." See *id.*

II. DISCUSSIONA. Legal Standards1. Motions to Strike Inequitable Conduct Defenses

Capella's motions to strike are governed by Federal Rule of Civil Procedure 12(f), which allows the Court to strike any "insufficient defense, or any redundant, immaterial, impertinent, or scandalous matter." Fed R. Civ. P. 12(f). "Motions to strike are regarded with disfavor [] because of the limited importance of pleadings in federal practice and because they are often used solely to delay proceedings." *Zep Solar Inc. v. Westinghouse Solar Inc.*, No. C-11-6493 JSW, 2012 WL 1293873, at *1 (N.D. Cal. Apr. 16, 2012) (citation omitted). "Nonetheless, the Court may properly grant motions to strike when a defense or a claim is insufficient as a matter of law." *Id.* (citations omitted). As with other attacks on the sufficiency of a pleading, the reviewing court must view the pleadings in the light most favorable to the pleader. *Id.*

Federal Circuit law governs the sufficiency of allegations of inequitable conduct. *See Exergen Corp. v. Wal-Mart Stores, Inc.*, 575 F.3d 1312, 1318 (Fed. Cir. 2009). "Under Federal Circuit law, all averments of fraud and inequitable conduct, including affirmative defenses, fall within the strictures of [Federal] Rule [of Civil Procedure] 9(b) and must be stated with particularity." *Zep Solar*, 2012 WL 1293873 at *2 (citing *Exergen*, 575 F.3d at 1326). To satisfy the "particularity required by Rule 9(b), the pleading must state the 'who, what, when, where, and how' of the misrepresentation or omission made to the PTO." *Id.* (quoting *Exergen*, 575 F.3d at 1327).

"The essential elements of a claim of inequitable conduct under Federal Circuit law are: (1) an individual associated with the filing and prosecution of a patent application affirmatively misrepresents a material fact, fails to disclose material information, or submits false material information; and (2) the individual does so with the specific intent to deceive the [Patent Office]." *Id.* (citing *Exergen*, 575 F.3d at 1327 n.3). The "materiality required to establish inequitable conduct is but-for materiality." *Therasense, Inc. v. Becton, Dickinson and Co.*, 649 F.3d 1276, 1291 (Fed. Cir. 2011) (en banc). As the en banc court in *Therasense* explained, "prior art is but-for

1 material if the PTO would not have allowed a claim had it been aware of the undisclosed prior art.”

2 *Id.*

3 2. Motion to Dismiss UCL Counterclaim

4 Capella’s motion to dismiss Cisco’s UCL counterclaim is governed by Federal Rule of Civil
 5 Procedure 12(b)(6), which tests the legal sufficiency of Cisco’s pleading. “All well-pleaded
 6 allegations of material fact in the complaint are accepted as true and are construed in the light most
 7 favorable to the non-moving party.” *Faulkner v. ADT Sec. Services, Inc.*, 706 F.3d 1017, 1019 (9th
 8 Cir. 2013) (citations omitted). “To survive a motion to dismiss, a complaint must allege enough
 9 facts to state a claim to relief that is plausible on its face.” *Id.* (internal quotation and quotation
 10 marks omitted).

11 B. Defendants’ Inequitable Conduct Defenses

12 Defendants alleged three separate “instances” of inequitable conduct in their answers. After
 13 carefully reviewing the Defendants’ pleadings and motions papers, the Court thus assumed that each
 14 separate “instance” of inequitable conduct was just that – a claimed *instance* of inequitable conduct.
 15 Put differently, the Court understood Defendants to allege that Capella committed inequitable
 16 conduct at least three separate times: first when it allegedly withheld the Smith patent; again when it
 17 concealed the “true nature” of the mistake on which reissue was initiated, including misrepresenting
 18 the contents of the Neukermans patent; and finally when it “excised” and/or withheld any reference
 19 to the Lucent 2-axis mirror during the reissue prosecution.⁷

20 At the hearing on Capella’s motions to strike, however, both counsel for Cisco and Fujitsu
 21 expressly (and perplexingly) disavowed half of their second inequitable conduct defense, and the
 22 entirety of their third inequitable conduct defense. Specifically, counsel represented that neither
 23 Capella’s alleged mischaracterization of the Nuekermans patent, nor its claimed withholding of the
 24 Lucent 2-axis mirror, constituted inequitable conduct in its own right, and thus these actions could

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 26 ⁷ As previously indicated, Defendants’ counsel added to the confusion by pleading its
 27 “second instance of inequitable conduct” to include two separate actions that could potentially
 28 constitute inequitable conduct – concealing the nature of the mistake upon which reissue was based,
 and mischaracterizing the contents of the Neukermans patent. Thus, as the Court previously
understood Defendants’ pleadings, Defendants had actually alleged four separate “instances” of
inequitable conduct.

1 not support independent inequitable conduct defenses. Rather, counsel stated that those “instances”
2 of inequitable conduct were apparently pleaded simply to bolster Defendants’ first inequitable
3 conduct defense (*i.e.*, withholding the Smith patent). In particular, Defendants claim that the
4 Applicants misled the PTO in initially failing to disclose the severity of their problems with 2-D
5 prior art, thus exacerbating the misleading nature of the Applicants’ non-disclosure of the Smith
6 patent and its teaching of 2-D mirrors.

7 The Court will hold counsel to its waiver, and thus strikes with prejudice Cisco’s and
8 Fujitsu’s inequitable conduct defenses based on the alleged withholding or misrepresentation of the
9 Nuekermans and Lucent references. As explained below, the Court will also strike with prejudice
10 the remaining aspect of Defendants’ “second instance” of inequitable conduct, namely concealing
11 the true nature of the “mistake” in Capella’s initial reissue filing, because that claim fails as a matter
12 of law.

13 However, the Court will not strike Defendants’ “first instance of inequitable conduct” based
14 on Capella’s alleged withholding of the Smith patent, as the Court determines that both Defendants
15 adequately pleaded that defense.

16 1. The Remaining Aspect of Defendants’ “Second Instance” of Inequitable Conduct Is
17 Legally Insufficient

18 Before discussing Defendants’ one legally sufficient inequitable conduct defense, the Court
19 will attempt to put to bed the remainder of the legal quagmire that Defendants’ second and third
20 inequitable conduct defenses have become. As noted above, Defendants conceded that their
21 inequitable conduct allegations with respect to the Neukermans and Lucent references are
22 insufficient as a matter of law. The Court thereby strikes with prejudice all separate allegations of
23 inequitable conduct relating to those references.

24 Defendants did not concede, however, the first part of their claimed “second instance” of
25 inequitable conduct. Defendants allege that the Applicants committed inequitable conduct by
26 concealing the “true nature of the mistake” on which they sought reissue of the asserted patents. FA
27 at 15-16; CAAC at 15-16. Specifically, Defendants claim that Capella initially represented to the
28 PTO that its original patents “*may* have claimed more than there was a right to claim in view of the

1 cited prior art.” FA at 16; CAAC at 16 (emphasis added). Only after the Patent Office responded
2 that Capella’s averment was insufficiently specific did Capella eventually concede that its original
3 patents were actually invalid in light of the prior art. FA at 16; CAAC at 16.

4 The Court strikes this aspect of Defendants’ defenses because the behavior alleged simply
5 cannot constitute inequitable conduct. The PTO was not deceived by the Applicants’ allegedly
6 deceptive statement. To prove inequitable conduct, an accused infringer must demonstrate that the
7 “PTO would not have allowed a claim” had it not been misled. *Therasense*, 649 F.3d at 1291. But
8 as both Fujitsu and Cisco admit in their pleadings, the PTO actually rejected Capella’s initial reissue
9 applications because they failed to identify an error in the original patents with the requisite
10 specificity. *See* FA at 16. Only after Capella responded in greater detail about the mistake in its
11 original applications (*i.e.*, there was no limitation requiring 2-D mirrors for power control) did the
12 PTO allow the reissue patents-in-suit. FA at 17-18; CAAC at 17-18. There can be no inequitable
13 conduct liability based on Capella’s alleged concealment of any mistake where the PTO was not
14 fooled by the concealment, and where Capella eventually chose to “come clean” with the Patent
15 Office. To the extent Defendants contend that Capella concealed the “nature” of the mistake by
16 mischaracterizing or withholding art that discloses 2-D mirrors for power control, the Court notes
17 that the only remaining relevant art is the Smith patent, and the Court finds Defendants’ allegations
18 regarding the Smith patent to be sufficient. To the extent Capella sought to further rely on the
19 Neukermans patent or Lucent reference, however, these claims have now been waived. Moreover,
20 as characterized by Defendants, these allegation add nothing material to the first claim of inequitable
21 misconduct which, in the final analysis, turns on the disclosure, materiality, and intent with respect
22 to the Smith patent.

23 2. Defendants’ First Instance of Inequitable Conduct is Well-Pleaded

24 According to Defendants, Capella committed inequitable conduct when it failed to cite the
25 Smith patent to the PTO during the reissue prosecutions of the patents-in-suit. FA at 8-15; CAAC at
26 8-15. The Court finds that both Fujitsu and Cisco adequately pleaded this defense.

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1 a. The Smith Patent is Material

2 Defendants allege that the Smith patent is but-for material⁸ prior art because it discloses the
 3 use of 2-D mirrors for power control. *See, e.g.*, FA at 11-12. The Court agrees. Indeed, it is notable
 4 that Capella never challenges the materiality of the Smith patent.

5 The patents-at-issue are reissue patents. In order to obtain a reissue patent, the applicant
 6 must “specifically identify at least one error” that caused the “original patent to be wholly or partly
 7 inoperative or invalid.” 37 C.F.R. § 1.175(a). Here, Defendants allege that the sole “mistake”
 8 identified by Capella was that its original patents were invalid because they did not limit their claims
 9 to require 2-D micromirrors for power control. FA at 13-14; CAAC at 13-14. Thus, Capella sought
 10 re-issue of its patents with narrower claims that included limitations calling for 2-D mirrors for
 11 power control. FA at 14; CAAC at 14. According to Defendants, the PTO eventually granted the
 12 amended claims as part of the reissue patents-in-suit, apparently concluding that “the prior art of
 13 record does not teach or suggest using” 2-D mirrors for power control. FA at 14; CAAC at 14.

14 Because the PTO specifically granted Capella’s re-issue patents on the ground that the prior
 15 art did not “teach or suggest using” 2-D mirrors for power control, any prior art that *does* teach the
 16 use of 2-D mirrors for power control is but-for material prior art: Capella would never have
 17 received the reissue patents had the PTO believed that 2-D mirrors for power control were well
 18 known in the prior art. Because Defendants allege that the Smith patent teaches the use of 2-D
 19 mirrors for power control, and Capella does not appear to dispute that claim, the Federal Circuit’s
 20 materiality standard is met.

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24 ⁸ As previously explained, the Federal Circuit has held that an individual commits
 25 inequitable conduct if he fails to disclose prior art to the PTO that is “but-for” material. *Therasense*,
 649 F.3d at 1291. Failure to disclose prior art that is not but-for material, however, does not amount
 26 to inequitable conduct. *See, e.g.*, *Nalco Co. v. Turner Designs, Inc.*, 13-cv-2727 NC, 2014 WL
 645365, at *5 (N.D. Cal. Feb. 19, 2014) (holding that accused infringer failed to sufficiently plead
 27 inequitable conduct defense because it made no showing that the withheld information was not
 28 cumulative of other information disclosed during prosecution) (citations omitted). “[P]rior art is
 but-for material if the PTO would not have allowed a claim had it been aware of the undisclosed
 prior art.” *Id.*

1 b. Capella Knowingly Withheld Material Prior Art

2 According to Defendants, Capella (and specifically Mr. Davis) first learned of the Smith
 3 patent by at least 2007.⁹ FA at 9-10; CAAC at 9. Davis was a named inventor on another Capella
 4 patent not at issue in this litigation. *Id.* During the prosecution of that patent in 2007, the Examiner
 5 cited the Smith patent as potential prior art on multiple occasions, and specifically noted that the
 6 Smith patent disclosed 2-D mirrors for power control. FA at 10-11, 13; CAAC at 9-12. Indeed, the
 7 face of the Smith patent confirms this allegation, as the very first sentence of the abstract of
 8 invention reads: “A multi-wavelength or white-light optical switch including an array of **mirrors**
 9 **tiltable about two axes**, both to control the switching and **to provide variable power transmission**
 10 through the switch . . .” Docket No. 127-1 at 1 (Smith patent) (emphases added). Thus, Defendants
 11 claim that Davis had actual knowledge of the relevant features of the Smith patent at least three
 12 years before Capella sought reissue of the patents-in-suit in 2010.¹⁰ Davis is a named inventor of the
 13 patents-in-suit in this action, and Defendants expressly allege that he was “substantively involved”
 14 in the prosecution of these patents. CAAC at 9; FA at 9. Nevertheless, Davis and the other Capella
 15 Applicants failed to cite the Smith reference to the Patent Office during the asserted patents’ reissue
 16 prosecutions.

17 The crux of Capella’s motion to strike the “first instance” of inequitable conduct is that
 18 Defendants did not sufficiently plead or establish that Smith is actually **prior** art to the patents-in-
 19 suit. Capella notes that the Smith patent was filed September 20, 2001. Docket No. 127-1 at 1. The
 20

21 ⁹ Fujitsu alleges that Davis first learned of the Smith patent in 2006. FA at 9.

22 ¹⁰ Defendants also claim in a rather conclusory fashion that Schwerin learned about the Smith
 23 patent sometime in 2007. See, e.g., FA at 13 (“At least Davis and Schwerin, and possibly other
 24 Applicants were aware of [Capella’s] statement” from the PTO describing Smith as disclosing 2-D
 25 mirrors for power control). At the pleading stage, it is likely irrelevant that Defendants did not
 26 provide more factual details to support their allegations of knowledge against Schwerin, because
 27 knowledge can be pleaded generally under Rule 9(b) as long as the factual context of the complaint
 28 renders the allegations sufficiently plausible. Here it is plausible that Davis, a named inventor who
 likely had actual knowledge of the PTO’s rejection of his patent application over the Smith patent,
 would have informed his CEO, Schwerin, of that rejection and its reasoning. This is particularly
 true because Defendants allege that Schwerin “has been involved in the prosecution of Capella’s
 patents since” 2005. FA at 9; CAAC at 9. But even if Davis hadn’t told the other Applicants about
 the Smith patent, Defendants’ “first instance” of inequitable conduct would still be adequately
 pleaded with regards to Davis, and thus will not be struck.

1 patents-in-suit, however, claim priority back to a provisional application filed on March 19, 2001.
 2 See Docket Nos. 127-4, 127-5. Thus, if the Smith patent is not entitled to a priority date earlier than
 3 March 19, 2001, it cannot be prior art, and Capella and the Applicants were under no duty to
 4 disclose Smith to the PTO during reissue.

5 The face of the Smith patent, however, does claim priority back to an earlier application,
 6 namely the Smith provisional application filed on September 22, 2000. The parties vigorously
 7 dispute the merits of whether the Smith patent is actually entitled to this earlier priority date. For
 8 instance, Capella argues that there is no written description support in the Smith provisional that
 9 would entitle the Smith patent to claim the provisional's earlier priority date (at least with respect to
 10 Smith's claims regarding 2-D mirrors for power control). *See* Docket No. 116 at 6. But these
 11 arguments are largely irrelevant at this stage of these proceedings. At the pleading stage, the Court
 12 must review Defendants' defenses in the light most favorable to them. Defendants pleaded that the
 13 Smith patent is entitled to the provisional filing date of the Smith provisional, and cite portions of
 14 the Smith provisional that seem to support this argument.¹¹ Thus, this Court assumes at this stage of
 15 the proceedings that the Smith patent is actually prior art to the Capella patents-in-suit.¹²

16 Assuming that the Smith patent is actually material prior art to the patents-in-suit, the
 17 remaining dispositive question is whether any of the Capella Applicants *knew* that it was prior art at
 18 the time of the reissue prosecution. Capella argues that Fujitsu's inequitable conduct defense is
 19 defective because it never alleges that any applicant had actual knowledge of the contents of the
 20 Smith provisional, as opposed to the Smith patent.

21 Capella's argument, however, is not well taken. Fujitsu alleges that at least Davis knew that
 22 the Smith patent disclosed 2-D mirrors for power control – the very same features that Capella later

24 ¹¹ For instance, Cisco's answer contains an excerpt from the Smith provisional that seems to
 25 support Cisco's argument that the Smith provisional does provide written description support for the
 26 2-D mirror control limitations in the issued Smith patent. Specifically, the Smith provisional
 27 allegedly discloses the use of a "mirror array with elements that can be rotated in an analog fashion
about two orthogonal axes. . . [A]ngular displacement about the orthogonal axis is used for power
control." CAAC at 12 (emphases added).

28 ¹² At the hearing, Capella's counsel agreed that at this stage of the proceedings, the Court
 must assume that the Smith patent is entitled to its earliest priority date.

1 cited to the PTO as a point of novelty in order to obtain reissuance of the patents-in-suit. Indeed, the
 2 face of the Smith patent seems to clearly disclose these features. And the face of the Smith patent
 3 also clearly claims priority to a provisional application that pre-dates any filing to which Capella's
 4 asserted patents could claim priority. It is therefore a highly plausible inference that Davis would
 5 have acquainted himself with the contents of the Smith provisional in order to determine whether or
 6 not the Smith patent actually is but-for material prior art to either of the patents-in-suit.

7 Indeed, this is exactly the inferential reasoning that Cisco explicitly added to its pleading
 8 after it was initially struck by Judge Seitz. Cisco's amended (and operative) defense alleges that
 9 "Schwerin, Young, and possibly other applicants such as Davis were aware of the [Smith]
 10 provisional and its contents. This is because the Smith patent lists on its face the [Smith] provisional
 11 and the filing date of that provisional, and because the first paragraph in the Smith patent's
 12 specification claims priority to the [Smith] provisional application." CAAC at 14. That is, Cisco's
 13 defense infers knowledge of the Smith provisional from the fact that any reasonable patent applicant
 14 who knew that a patent (1) disclosed but-for material art, and (2) claimed a priority date before that
 15 of the applicant's own filing, would likely obtain the provisional application and determine for
 16 himself whether or not that material art was material *prior* art, and thus would have determined
 17 whether or not the provisional application and/or patent needed to be disclosed to the PTO. The
 18 Court agrees with Defendants.¹³

19 In fact, the above logic is so plausible that Fujitsu did not need to explicitly plead each
 20 inferential step in its defense in order to survive Capella's motion to strike. Fujitsu alleges that the
 21 Applicants knew what the Smith patent purports to claim, and knew that the Smith patent claims
 22 priority to a provisional filing that pre-dated all of Capella's filings. Under those circumstances, it
 23 would be both reasonable and plausible for the Court to assume that the Applicants actually learned
 24 of the contents of the Smith provisional, because the only way they could possibly determine

25
 26 ¹³ The Court does note, however, that while the Applicants' knowledge of the contents of the
 27 Smith provisional can be inferred at the pleading stage, drawing all reasonable inferences in
 28 Defendants' favor, Defendants will have to make a far more significant showing to prevail on their
 inequitable conduct defenses at either summary judgment or trial. *See, e.g., Therasense*, 649 F.3d at
 1290 (explaining that knowledge of a material reference must be proved by "clear and convincing
 evidence").

1 whether the seemingly invalidating Smith patent actually is prior art would be to review the Smith
2 provisional and determine if the Smith patent is truly entitled to claim priority to that application.

3 In sum, Defendants “first instance” of inequitable conduct is well-pleaded. Defendants
4 identify the who (*i.e.*, Davis and possibly the other Applicants), the what (*i.e.*, the Smith patent’s
5 disclosure of 2-D mirrors for power control), the when (*i.e.*, during the reissue prosecutions of the
6 asserted patents in 2010), the where (*i.e.*, the abstract and specification of the Smith patent and the
7 disclosure of the Smith provisional), and how (*i.e.*, the Examiner would have rejected the claims of
8 the reissue patent had she known Smith disclosed 2-D mirrors for power control) of the alleged
9 fraud. *See Exergen*, 575 F.3d at 1327. And, as described below, Defendants also have satisfactorily
10 alleged that the Applicants knowingly withheld the Smith patent from the PTO with the specific
11 intent to deceive the Patent Office.

12 c. Capella Knowingly Withheld the Smith Patent With the Intent to Deceive the
13 Patent Office

14 A finding of inequitable conduct also requires that the applicant (or applicants) withhold or
15 misrepresent material prior-art “with a specific intent to deceive the PTO.” *Exergen*, 575 F.3d at
16 1329. While intent “may be averred generally” under Rule 9(b), a pleading of inequitable conduct
17 “must include sufficient allegations of underlying facts from which a court may reasonably infer that
18 a specific individual” acted with the requisite state of mind. *Id.* at 1328; *see also Ashcroft v. Iqbal*,
19 129 S. Ct. 1937, 1954 (2009) (noting that “Rule 9 merely excuses a party from pleading [] intent
20 under an elevated pleading standard,” and holding that intent must be able to be inferred from a
21 pleading’s factual context to survive a motion to dismiss).

22 Here, the Court concludes that both answers contain sufficient factual material from which
23 the Applicants’s specific intent to deceive the PTO can reasonably be inferred, particularly given
24 that on a motion to strike this Court must view the pleadings in the light most favorable to the
25 pleader. *Zep Solar*, 2012 WL 1293873 at *1. Both answers aver that the Applicants (Larry
26 Schwerin, Joseph Davis, and Barry Young) had significant financial incentives to lie to the PTO
27 during the reissue prosecution of the patents-in-suit. And Defendants further point to Capella’s
28

1 alleged concealment of the nature of the mistake in its patents, and the misrepresentation/excision of
 2 the Neukerman and Lucent references to support an inference of specific intent.¹⁴

3 Barry Young was the prosecuting attorney of the reissue patents,¹⁵ and it is reasonable to
 4 infer that he had a personal financial interest in the success of the reissue applications. Joseph Davis
 5 was President and CEO of Capella until 2005, and remains an “Emeritus Board Member” at the
 6 company. FA at 9; CAAC at 9. Larry Schwerin is the current President and CEO of Capella. FA at
 7 9; CAAC at 9. Given Messrs. Davis’s and Schwerin’s respective positions at Capella, it is
 8 reasonable to infer that both men have at least some financial interest in the firm.

9 Moreover, with respect to both Davis and Schwerin, Fujitsu further explicitly alleged that
 10 specific intent is reasonably inferable because “they stood to profit from the sale of [the] company at
 11 a higher valuation or through a patent licensing campaign if the sale failed.” FA at 20. And Cisco’s
 12 answer goes into even more detail, alleging that:

13 at or near the time Capella filed the reissue applications that became
 14 the Patents-in-Suit, Capella was actively trying to sell its patent
 15 portfolio (including the pre-reissue versions of the Patents-in-Suit),
 16 and was likely trying to increase the perceived value of that portfolio
 and/or prepare it for litigation. Executives at Capella, including Larry
 Schwerin, would have known that the sale value of the company
 would be based heavily on the value of its patent portfolio.

17 CAAC at 13. The above factual allegations, taken together with allegations that Capella
 18 misrepresented other references and purposefully filed a misleading request for patent re-issuance,
 19 are sufficient to satisfy the intent requirement on a motion to strike.

20 Capella counters that a “desire to make money by obtaining patents (a desire common to
 21 nearly every patent applicant)” cannot “support an inference of specific intent to deceive by
 22 withholding material information.” Docket No. 132 at 11. Notably, Capella does not cite any
 23 authority in support of this position, and it does not appear to hold up to scrutiny. The desire to
 24

25
 26 ¹⁴ While Defendants waived any independent inequitable conduct defenses based on
 27 Neukermans or Lucent, Defendants do claim that Capella’s alleged misrepresentations regarding
 these references can bolster their claim that Capella withheld Smith with the requisite intent. The
 Court agrees.

28
 29 ¹⁵ FA at 7; CAAC at 7.

1 make money is by far the most likely explanation for attempting to obtain patents via acts of
 2 inequitable conduct.

3 In any event, there are additional allegations that bolster the inference of specific intent. For
 4 instance, Capella initially refused to identify the precise flaw in its original patents when seeking re-
 5 issue, only identifying the error with specificity after the PTO initially rejected its re-issue
 6 application. Moreover, Capella allegedly failed fairly to disclose the Lucent 2-axis mirror – an
 7 apparently material piece of 2-D mirror art Capella undoubtedly knew about – to the Patent Office in
 8 a filing that was likely to be reviewed by the Examiner. Taken together, Defendants have
 9 adequately pleaded intent at the pleading stage.¹⁶

10 C. Cisco's UCL Counterclaim

11 Capella also moves to dismiss Cisco's UCL counterclaim. Cisco alleges that Capella
 12 engaged in a fraudulent business practice by filing this lawsuit against Cisco in bad faith, knowing
 13 that the asserted patents-in-suit are invalid and were procured through fraud.¹⁷ Cisco's UCL claim is
 14 closely related to its inequitable conduct defense – if Cisco cannot prove that Capella knew its
 15 patents were invalid and/or committed inequitable conduct to obtain them, Cisco would not be able
 16
 17

18 ¹⁶ Defendants may have to show more to actually prevail on their inequitable conduct
 19 defenses at summary judgment or trial given the rigorous burden of proof. *See Exergen*, 575 F.3d at
 20 1329 n.5 (“In contrast to the pleading stage, to prevail on the merits, the accused infringer must
 21 prove . . . intent by clear and convincing evidence,” and specific intent to deceive must be “the
 22 single most reasonable inference able to be drawn from the evidence.”) (emphasis omitted).

23 ¹⁷ Cisco's pleading also alleges that Capella violated the “fraudulent” prong by: (1)
 24 “misrepresenting the validity of the patents, which it knew to be false,” (2) “asserting those patents
 25 against Cisco and other manufacturers”; and (3) “attempting to sell Capella to other California
 26 businesses based in part on the fraudulently-obtained patent rights.” CAAC at 22-23. None of these
 27 are well-pleaded UCL claims. As to the first claim, Cisco's pleading does not identify or allege any
 28 instance where Capella “misrepresented the validity of its patents” except in the context of this
 lawsuit. Nor does Cisco allege that Capella actually asserted its patents against other manufacturers
 outside the context of this lawsuit, which would be necessary to sustain its second UCL claim.
 Hence, these two claims completely overlap with the claim analyzed in the main text of this memo
(i.e. that the filing of this lawsuit violates the UCL), and must be dismissed. And as for Capella
attempting to sell the business to third-parties based on its allegedly invalid patents rights, Cisco has
no standing to pursue this claim on behalf of those third-parties, nor does Cisco plead any facts to
support its claim (such as who the alleged third parties are, whether Capella actually made
fraudulent representations to those parties about the strength or validity of the patents-in-suit,
whether those parties relied on such representations, etc).

1 to proceed with its UCL counterclaim predicated on Capella's alleged bad faith assertion of its
2 patent rights.

3 In its motion, Capella argues that the UCL claim must be dismissed for a number of reasons
4 including: (1) Cisco's UCL claim is precluded by the *Noerr-Pennington* doctrine; (2) Cisco's UCL
5 claim is pre-empted by Federal patent law; (3) Cisco cannot show it is entitled to restitution; (4) any
6 injunctive relief awarded under the UCL would be entirely co-extensive with any relief obtained
7 under the Patent Act, and therefore the UCL cause of action is duplicative and essentially moot; and
8 (5) Cisco has not adequately pleaded facts that constitute a violation of the "fraudulent" prong.
9 Docket No. 116 at 13-17. Because Capella's fifth and final contention (*i.e.*, Cisco has not
10 adequately alleged a fraudulent prong violation) is correct, the Court only discusses that argument.

11 The California Supreme Court has held that a business practice is "fraudulent" in violation of
12 the UCL if "members of the public are likely [to be] deceived by the practice." *Committee on*
13 *Children's Television v. Gen. Foods. Corp.*, 35 Cal.3d 197, 214 (1983); *see also Nat'l Rural*
14 *Telecomm. Co-op. v. DIRECTV*, 319 F. Supp. 2d 1059, 1077 (C.D. Cal. 2003). Under this standard,
15 Cisco's UCL counterclaim is fatally defective for two straightforward reasons. First, Cisco does not
16 allege that members of the public have been deceived by Capella's alleged fraudulent
17 misrepresentations about the strength of its patent rights. Indeed, Cisco does not even allege that
18 members of the public are aware of Capella's alleged misrepresentations. *See, e.g., Nat'l Rural*
19 *Telecomm. Co-op.*, 319 F. Supp. 2d at 1078 ("Here, Plaintiffs have not made a showing that the
20 public was impacted at all by DIRECTV's alleged actions. Thus, Plaintiffs' claims under the
21 'fraudulent' prong of the UCL fail as a matter of law."). Hence, Cisco has not pleaded a viable UCL
22 claim.

23 Moreover, under prevailing case law, Cisco is not itself a member of the "public," and thus it
24 is ineligible to bring a claim under the fraudulent prong for any alleged misrepresentations Capella
25 made to it. *See Rosenbluth International, Inc. v. Superior Court*, 101 Cal. App. 4th. 1073, 1077-79
26 (Cal. App. 2002) (holding that "sophisticated corporations" are not members of the "general public"
27 for the purposes of the UCL); *see also Nat'l Rural Telecomm. Co-op.*, 319 F. Supp. 2d at 1078 n.28
28 ("Sophisticated companies, like Plaintiffs here, are not members of the 'general public.'"). As one

1 judge succinctly explained, a corporate-competitor “is not entitled to the protection of [the
2 fraudulent] prong of § 17200 because it is not a member of the public or a consumer entitled to such
3 protection. The Court has identified no case under the ‘fraudulent’ prong of § 17200 allowing one
4 competitor to proceed against another on the basis that the defendant deceived him.” *Watson*
5 *Laboratories, Inc. v. Rhone-Poulenc Rorer, Inc.*, 178 F. Supp. 2d 1099, 1121 (C.D. Cal. 2001).
6 Courts in this district have held similarly. *See, e.g., Travelers Prop. Casualty Co. of America v.*
7 *Centex Homes*, No. 12-0371-SC, 2013 WL 4528956, at *5 (N.D. Cal. Aug. 26, 2013) (holding that
8 corporation could not bring a UCL fraud prong claim absent a showing “that the alleged wrongdoing
9 has some impact on the general public”); *Medical Instrument Development Laboratories v. Alcon*
10 *Laboratories*, No. C-05-1138 MJJ, 2005 WL 1926673, at *5 (N.D. Cal. Aug. 10, 2005) (same).

11 At oral argument, Cisco’s attorney argued that a rule prohibiting “sophisticated” companies
12 from pursuing fraudulent prong claims under the UCL, while allowing arguably “unsophisticated”
13 companies to bring such claims is inadvisable as a policy matter, and requires the Court to draw an
14 arbitrary line between sophisticated companies and unsophisticated companies. While the Court
15 does not dismiss these arguments out-of-hand, it notes that the rule is one that the California Court
16 of Appeal and other California courts have seen fit to adopt. Cisco’s challenge to this line drawing
17 misses the notion established by case law that the protections of the UCL’s fraudulent prong are
18 directed to the protection of the “general public”; if a sophisticated business customer is deemed part
19 of the “general public,” it is hard to imagine what meaningful limitation would be imposed by that
20 term. Moreover, while in some cases, determining whether a company was so “sophisticated” as to
21 bar a fraudulent prong claim may be subtle, this is not such a case; by any measure or definition,
22 Cisco is a “sophisticated corporation.” Thus, Cisco may not bring a UCL action under the
23 fraudulent prong based on Capella’s allegedly fraudulent conduct in bringing this lawsuit over
24 purportedly invalid patents.

25 Because Cisco is not a member of the public itself, and because it does not allege Capella’s
26 misrepresentations about the patents-in-suit misled any members of the public, its UCL counterclaim
27 is dismissed with prejudice.
28

III. CONCLUSION

2 Capella’s motions to strike Cisco’s and Fujitsu’s “first instance of inequitable conduct” are
3 **DENIED.** Capella’s motions to strike the remaining instances of inequitable conduct, however, are
4 **GRANTED.** Neither Defendant may rely on the Neukermans or Lucent reference to directly state a
5 claim of inequitable conduct.

To the extent Defendants wish to continue to rely on the Neukermans or Lucent references solely for the purpose of proving that Capella withheld the Smith patent with the specific intent to deceive the PTO, Defendants' shall amend the specific intent portion of their defenses within thirty (30) days of the date of this order.

10 Capella's motion to dismiss Cisco's UCL counterclaim is **GRANTED** with prejudice, as the
11 Court determines that amendment would be futile.

12 This order disposes of Docket Nos. 115 and 116.

14 || IT IS SO ORDERED.

16 || Dated: December 23, 2014


EDWARD M. CHEN
United States District Judge